

FIG. 1

PGEX-4T-2

BamHI

Not I

... CTGGTCCGCGTG | GATCCCAGGAATTCCGGGTCGACTCGAGC | GGGCCGATCGTGA ...
 ... GACCAAGGCGCACCTAG | GGGTCCTTAAGGCCAGCTGAGCTCGCCGG | CGTAGCACT ...



BamHI/NotI



... CTGGTCCGCGTG

GGCCGATCGTGA ...

... GACCAAGGCGCACCTAG

CGTAGCACT ...

GTP/ATP | Klenow Pol I



to prevent self annealing of plasmid

... CTGGTCCGCGTG GA

GGCCGATCGTGA ...

... GACCAAGGCGCACCTAG

GGCGTAGCACT ...

FIG. 2

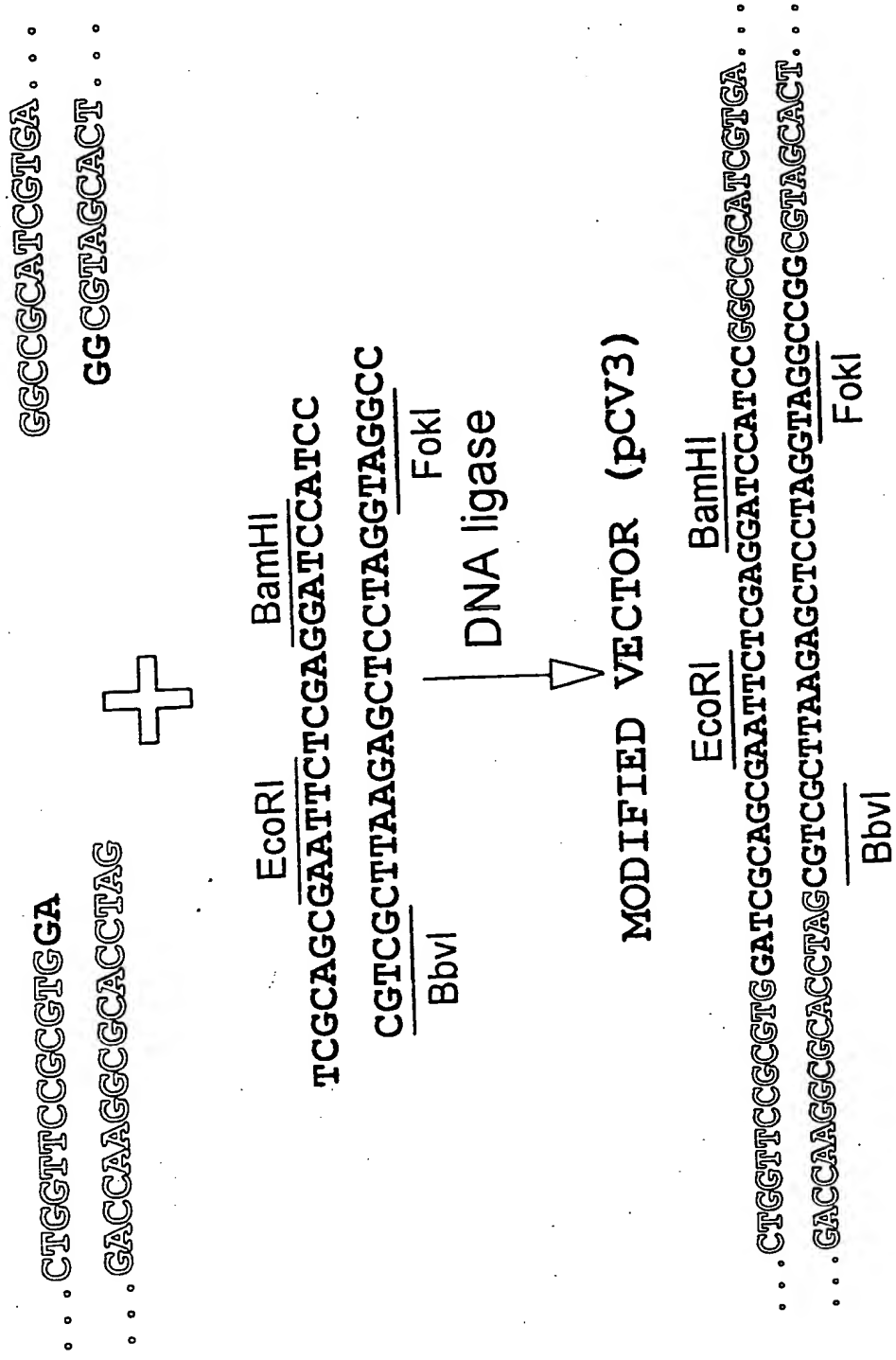


FIG. 3

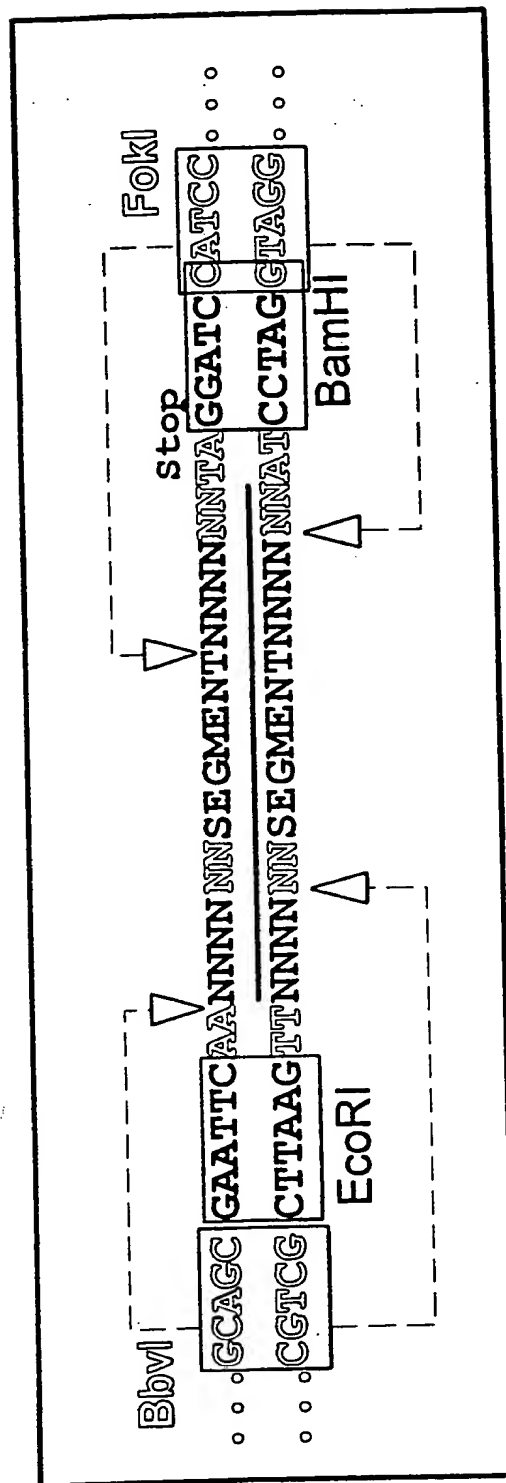


FIG. 4

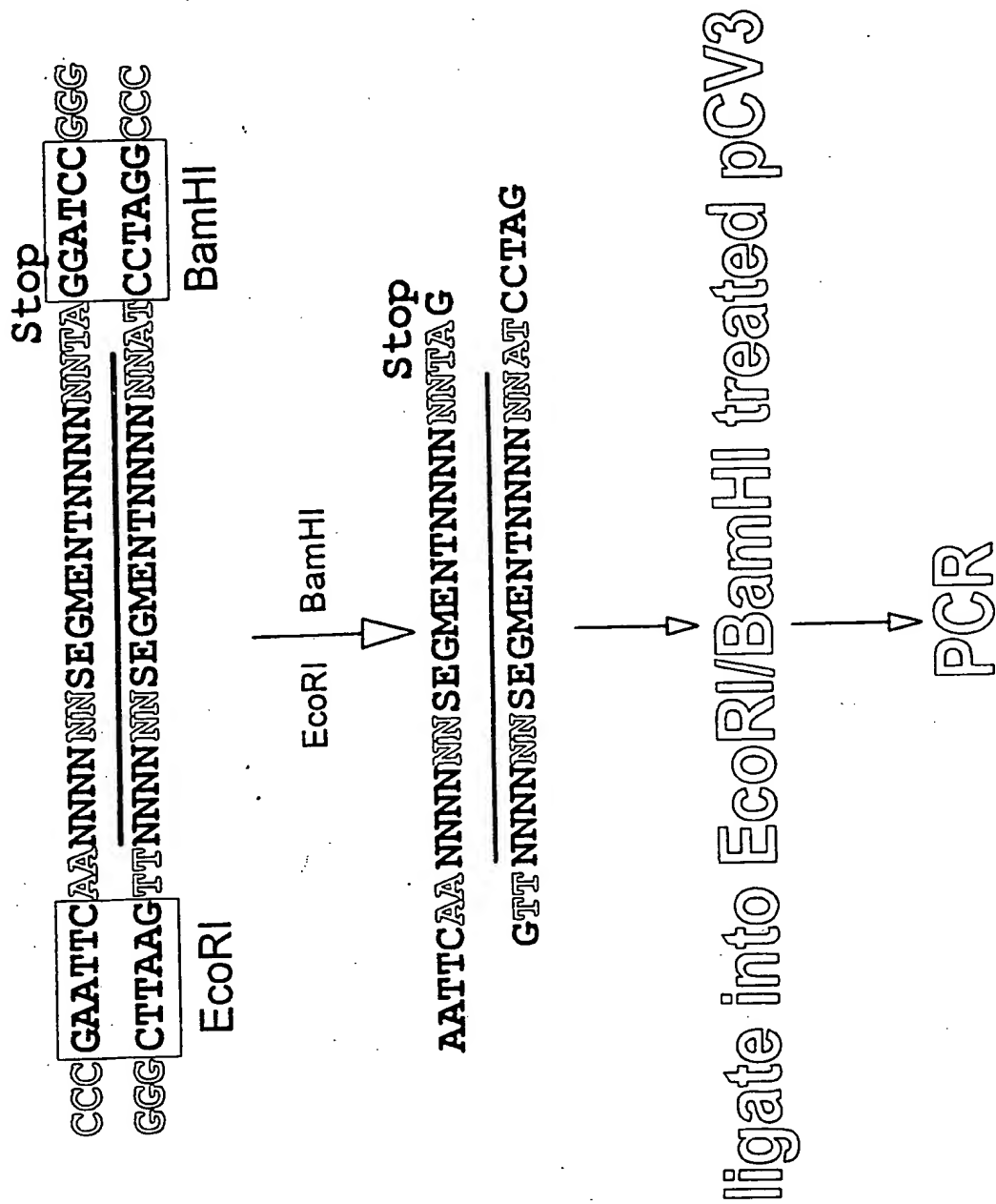


FIG. 5

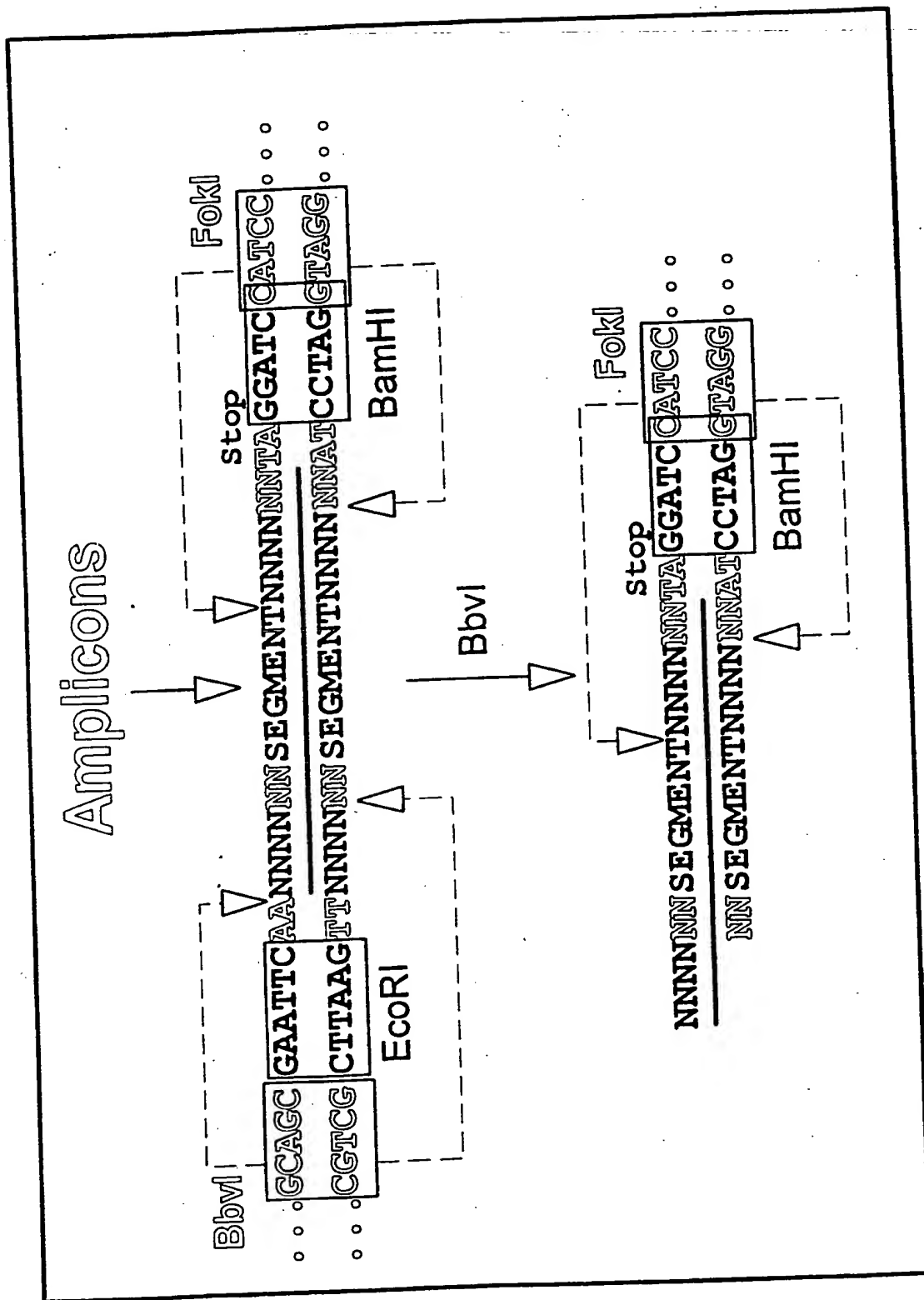


FIG. 7

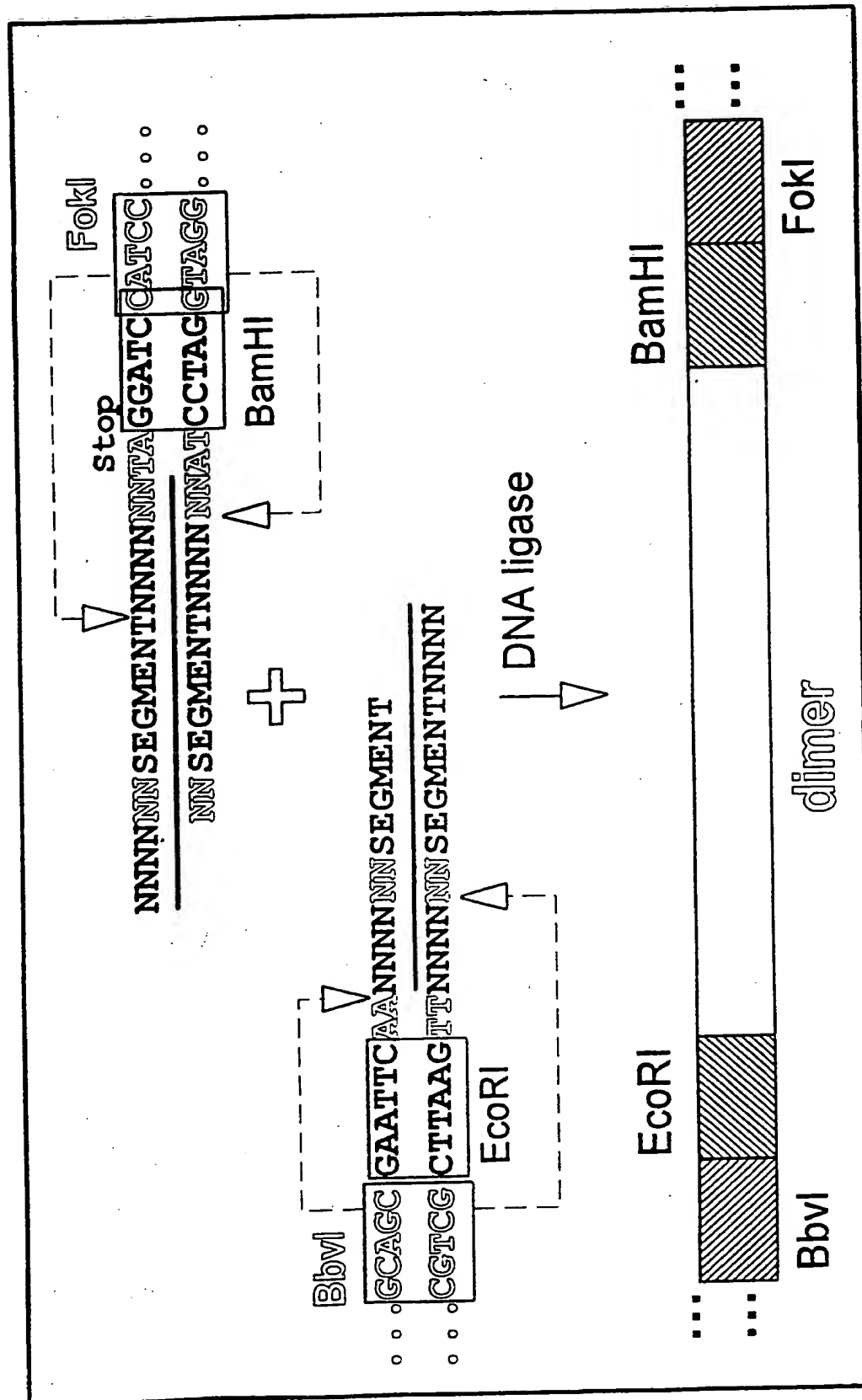
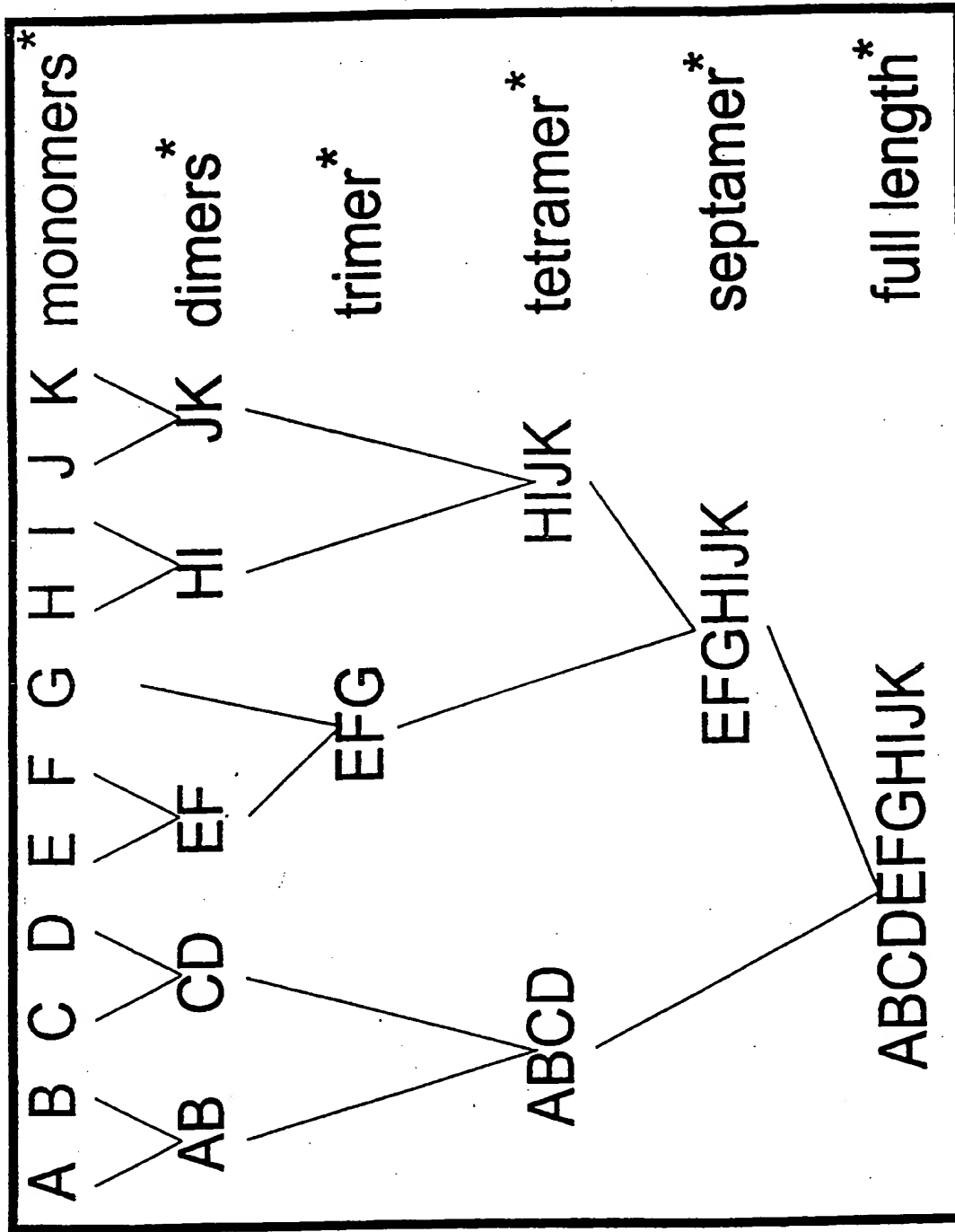


FIG. 8

Fragment	Sequence	SEQ ID NO
A	PKPQRKTKRN TIRRPQDVKE PGGQIVG	23
B	PKPQRQTKRN TNRRPQDVKE PGGQIVG	24
C	PKPQRKTKRN TYRRPQDVKE PGGQIVG	25
D	PKPQRKPNRN TNRRPQDVKE PGGQIVG	26
E	PKPQRQPKRN TPRRPQDVKE PGGQIVG	27
F	PKPQRKTKRN AHRRPQDVKE PGGQIVG	28
G	PKPQKRNRN TNRRPQDVKE PGGQIVG	29
H	PKPQRKTKRN TIRRPQDVKE PGGVIYV	30
I	PKPQRKTERN TNRRPQDVRF SGGQIVG	31
J	PKPKRQTKRN TLRRPKNVKE PAGQIVG	32
K	PKPQRKTKRK AHRRPQDVKE PGGQIVG	33

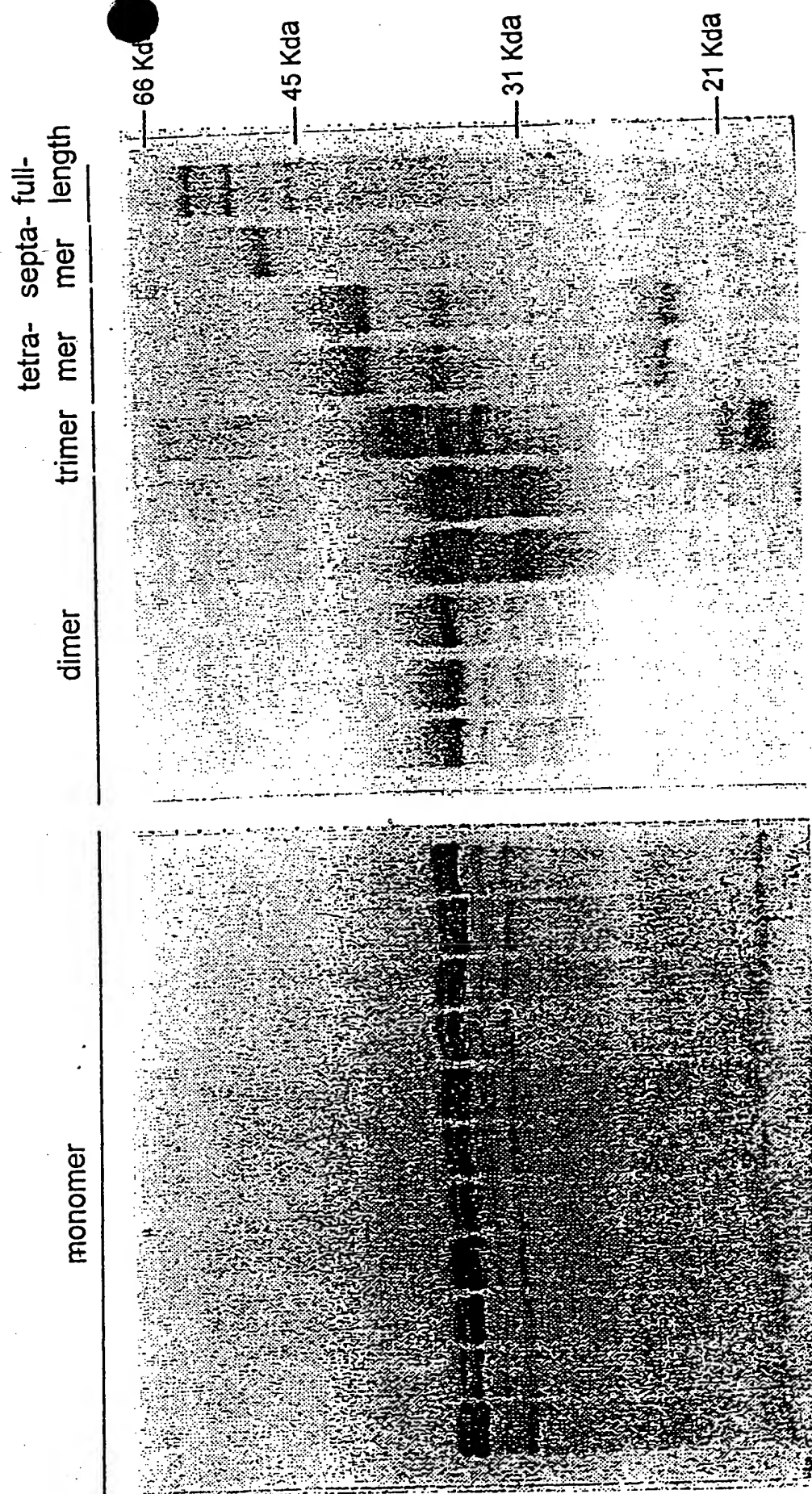
FIG. 9



* PCR, clone, PCR for sequence confirmation and sequential assembly, express, determine immunoreactivity

FIG. 10

Figure 11



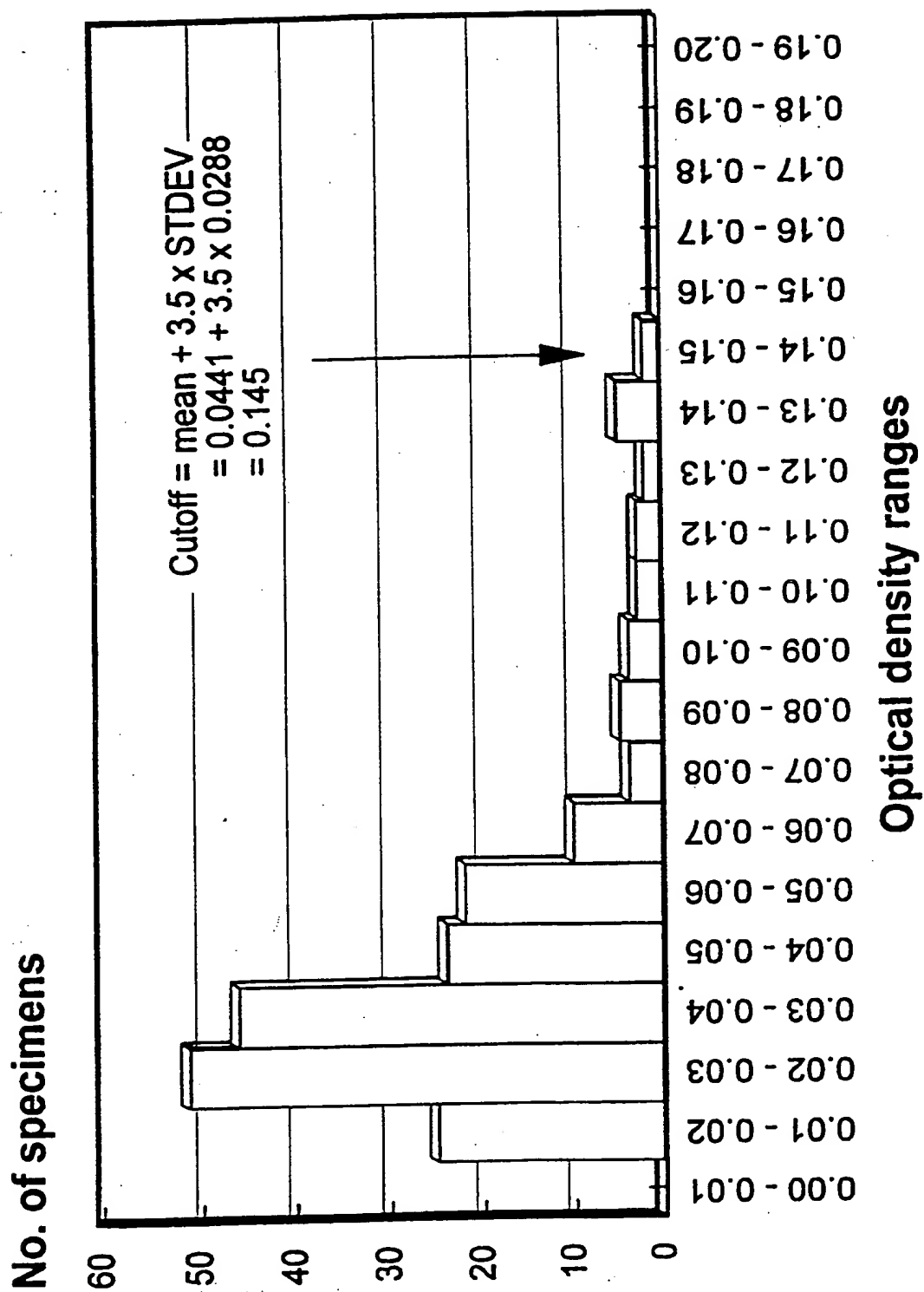


FIG. 12

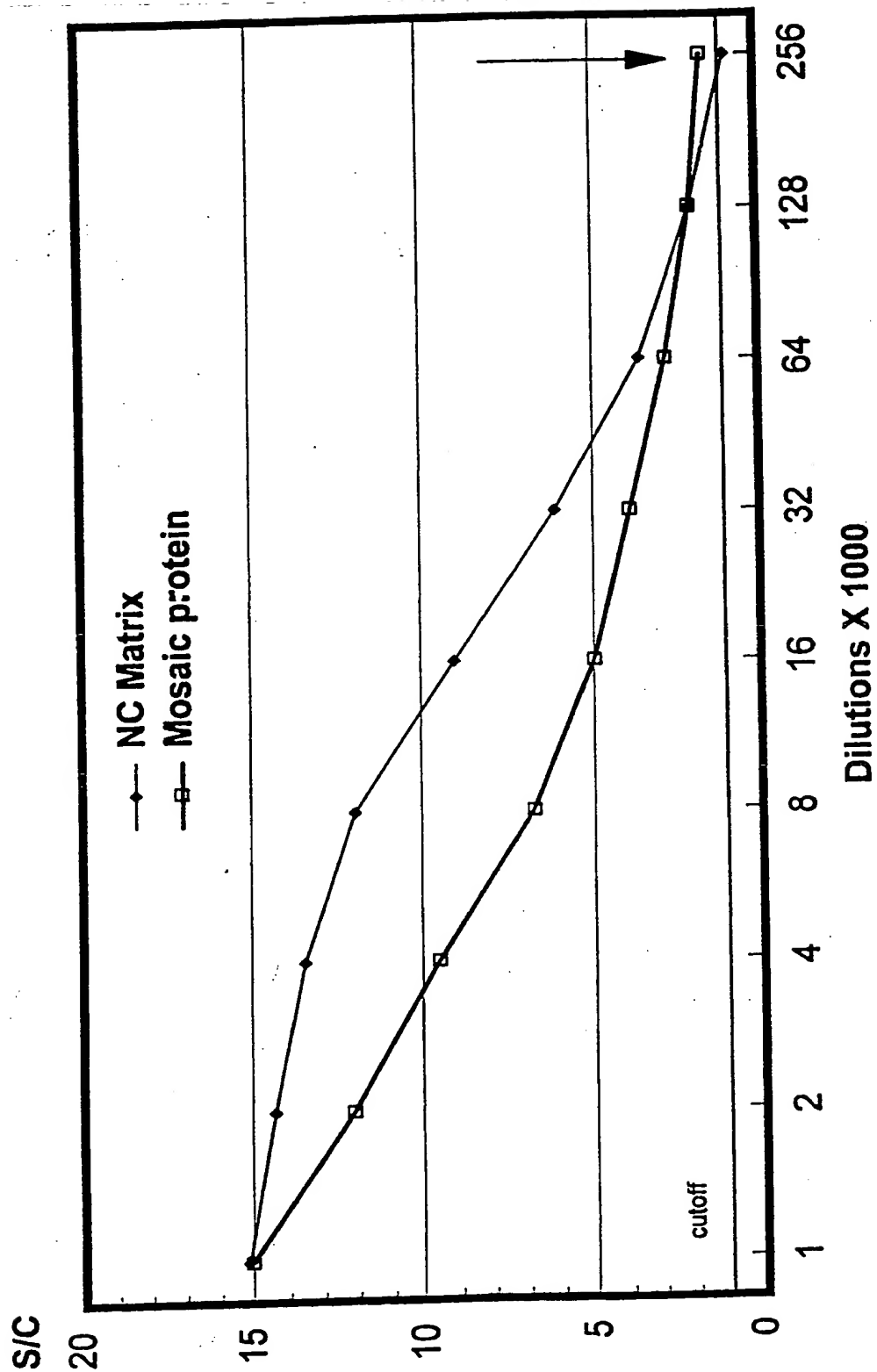


FIG. 13

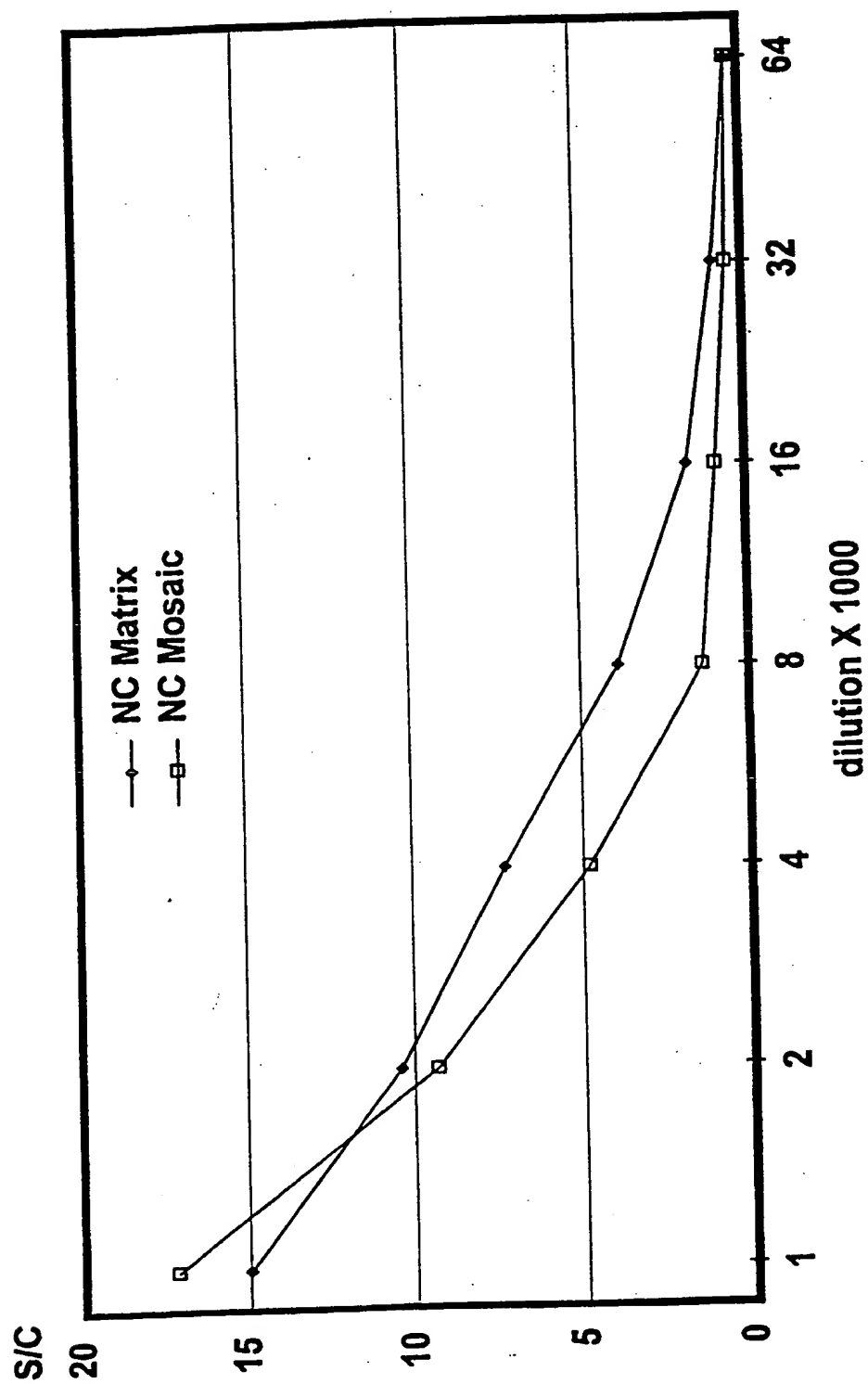


FIG. 14

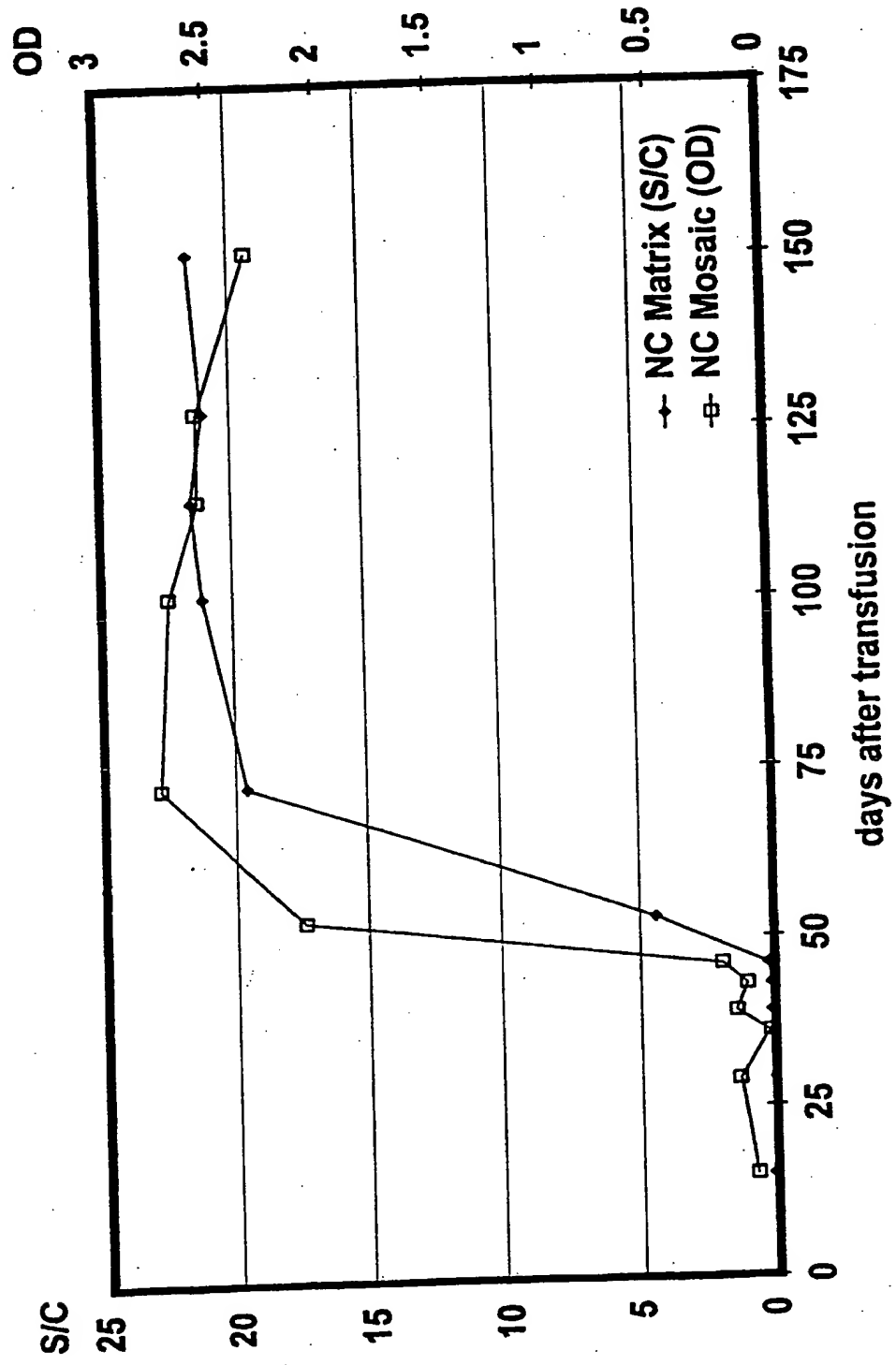


FIG. 15

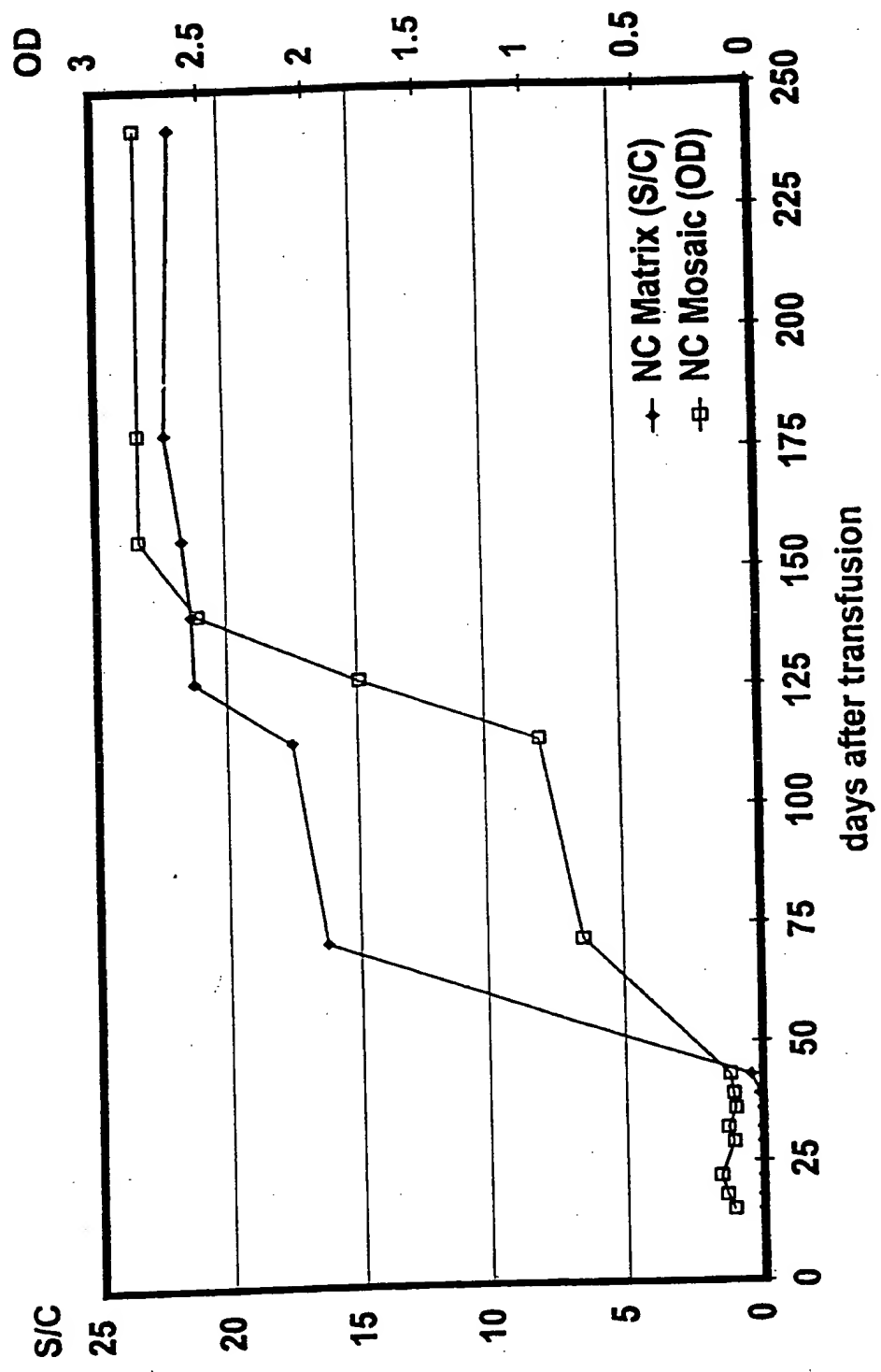


FIG. 16

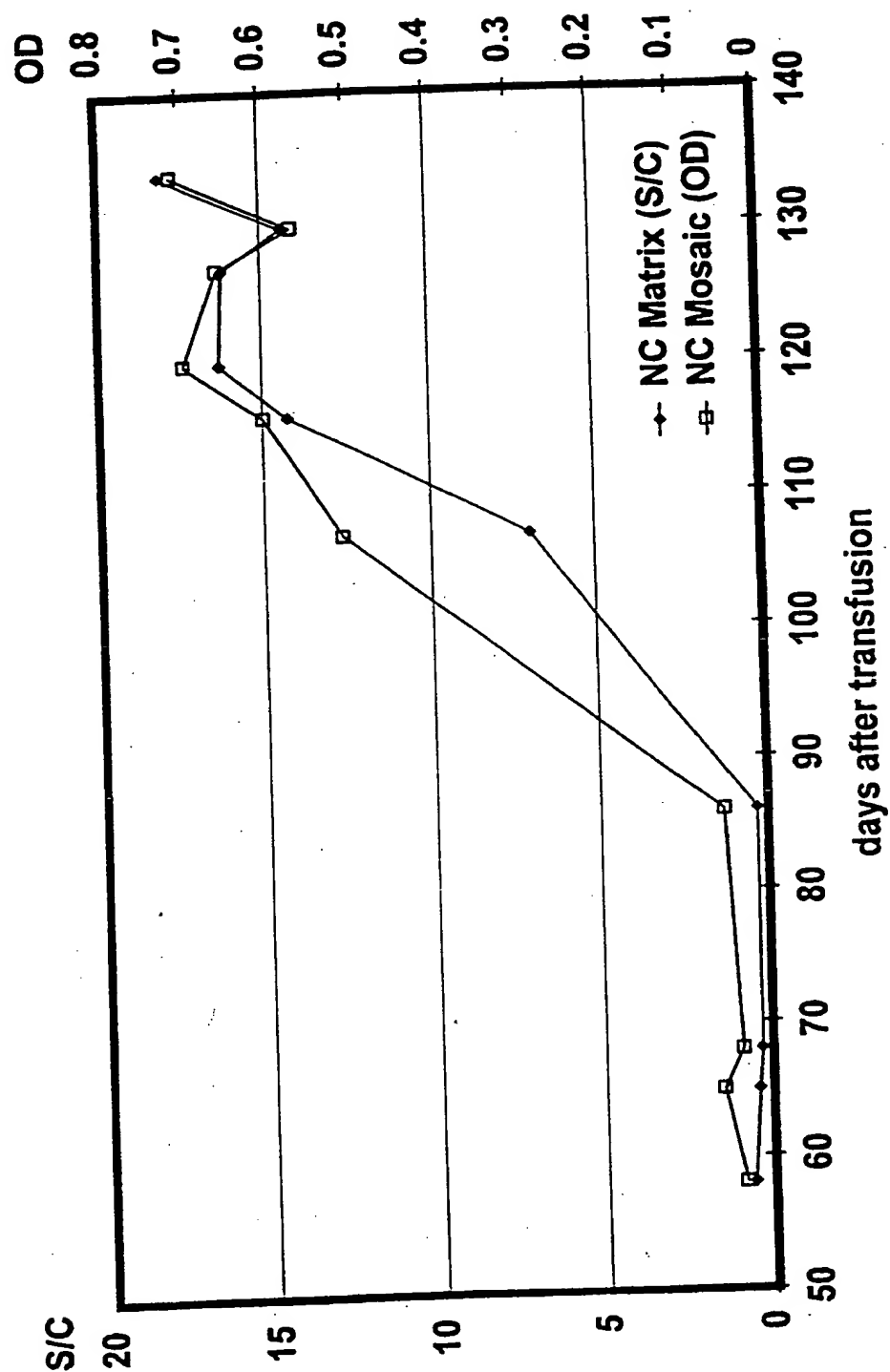


FIG. 17

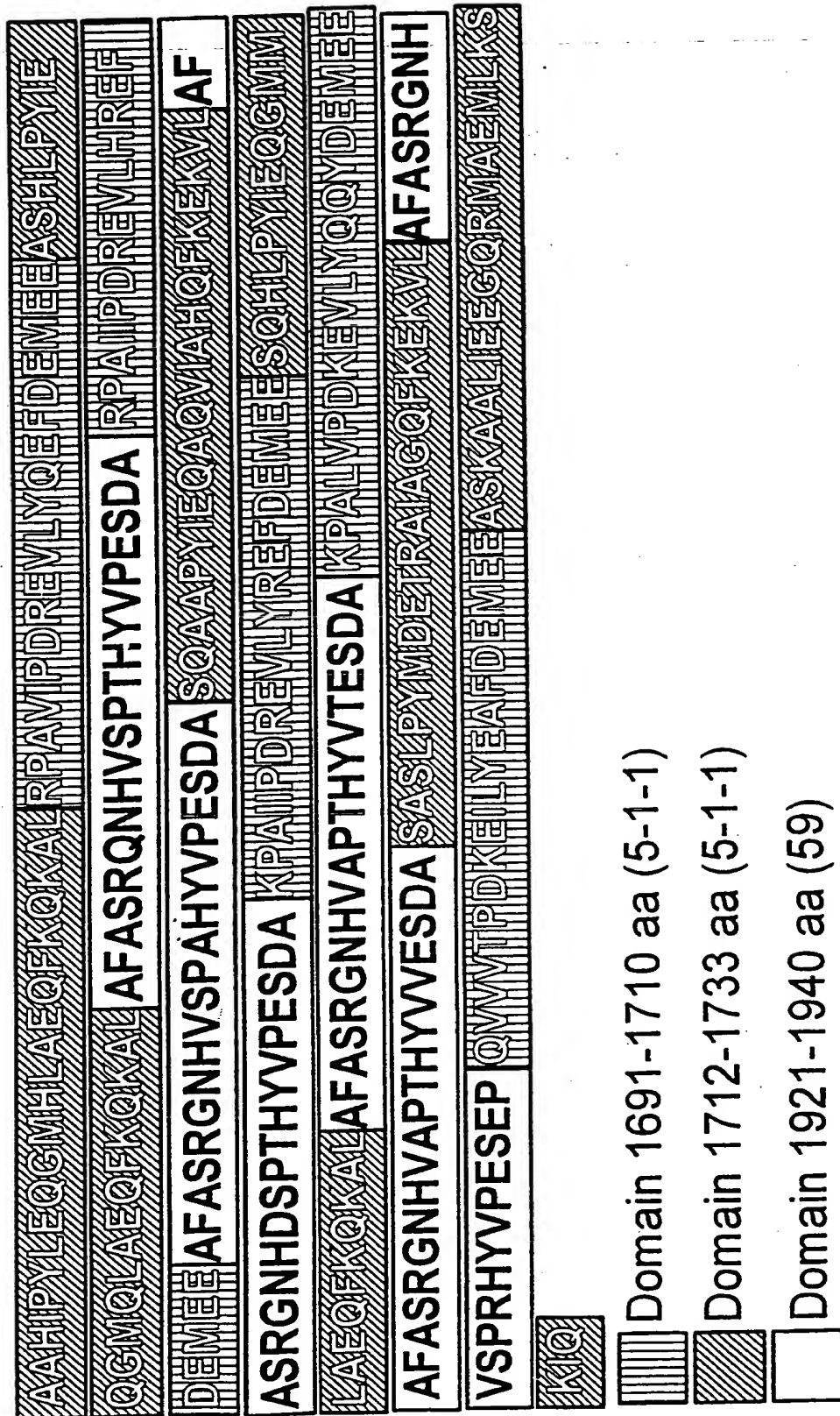
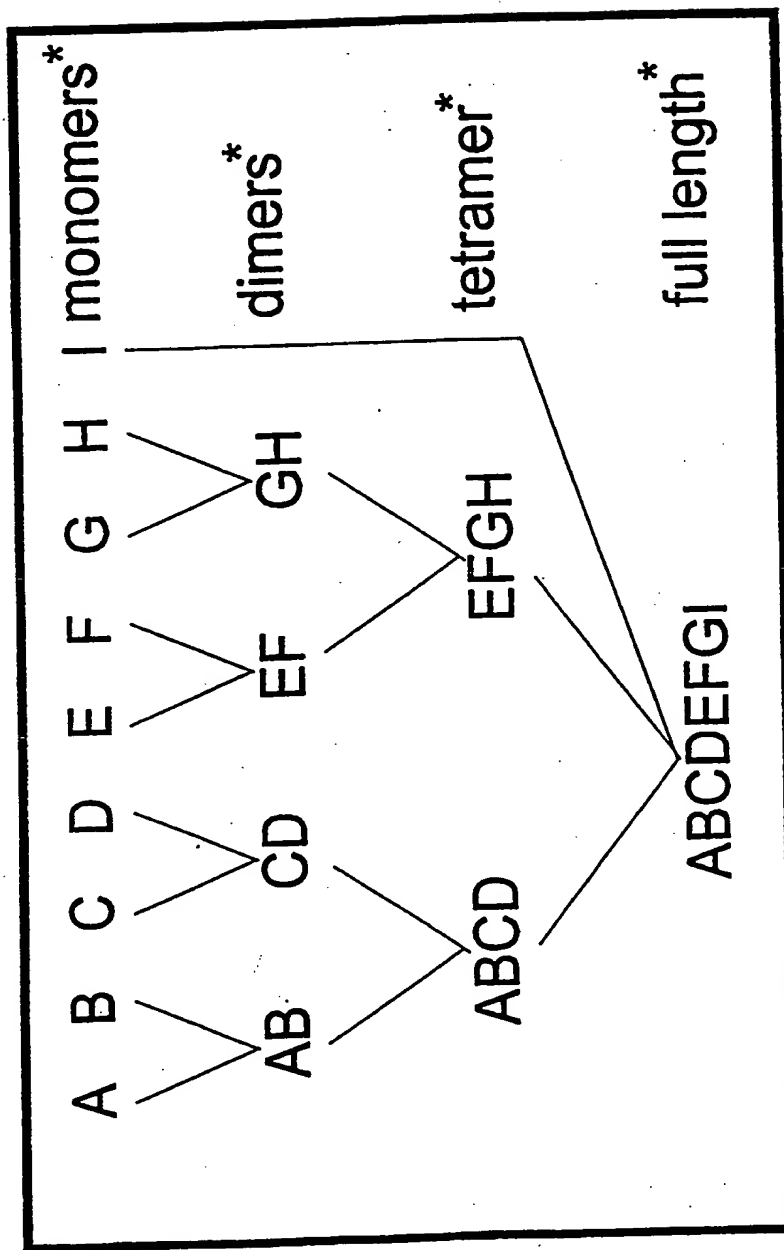


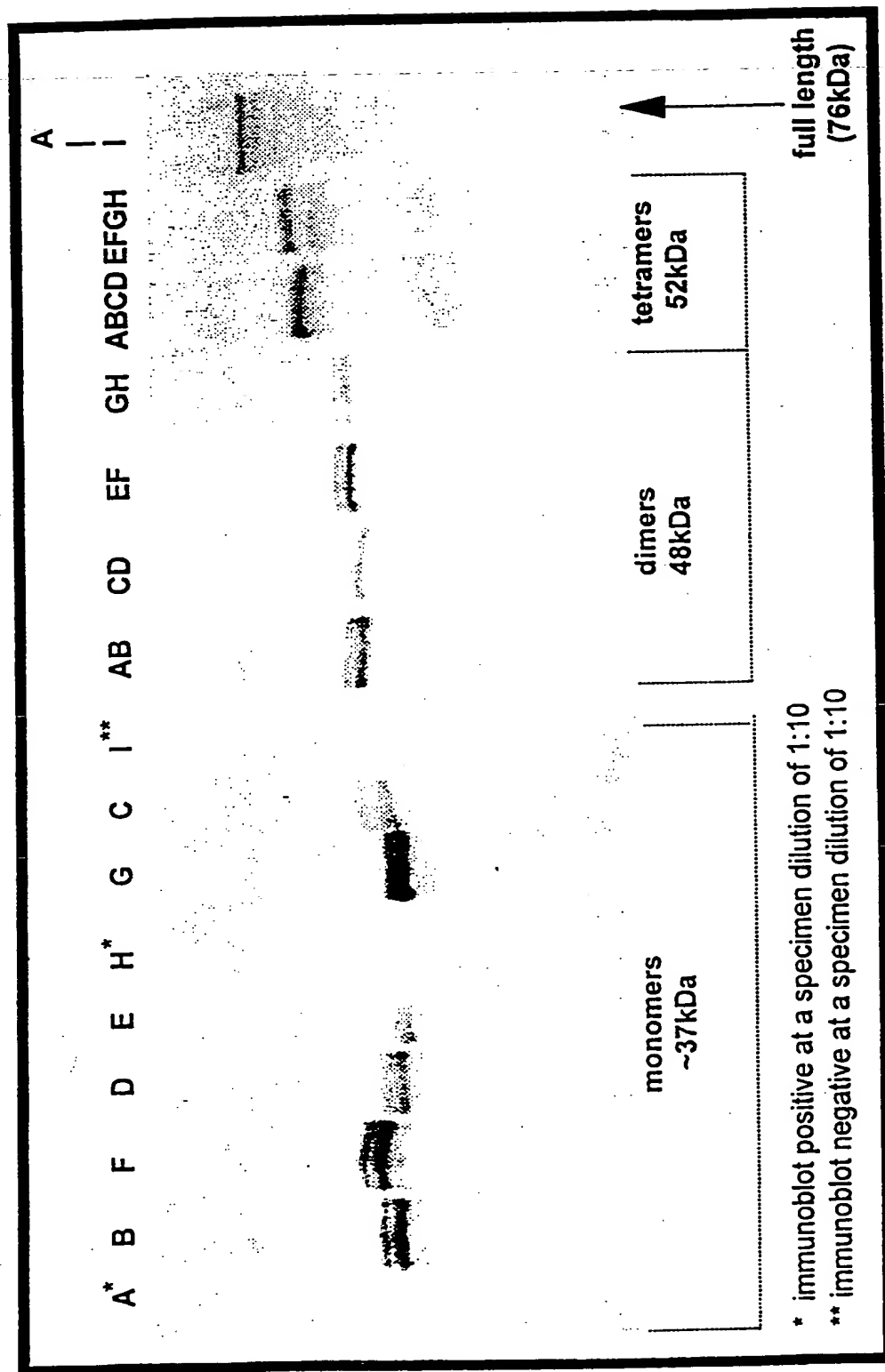
FIG. 18



* PCR, clone, PCR for sequence confirmation and sequential assembly, express, determine immunoreactivity

FIG. 19

Figure 20



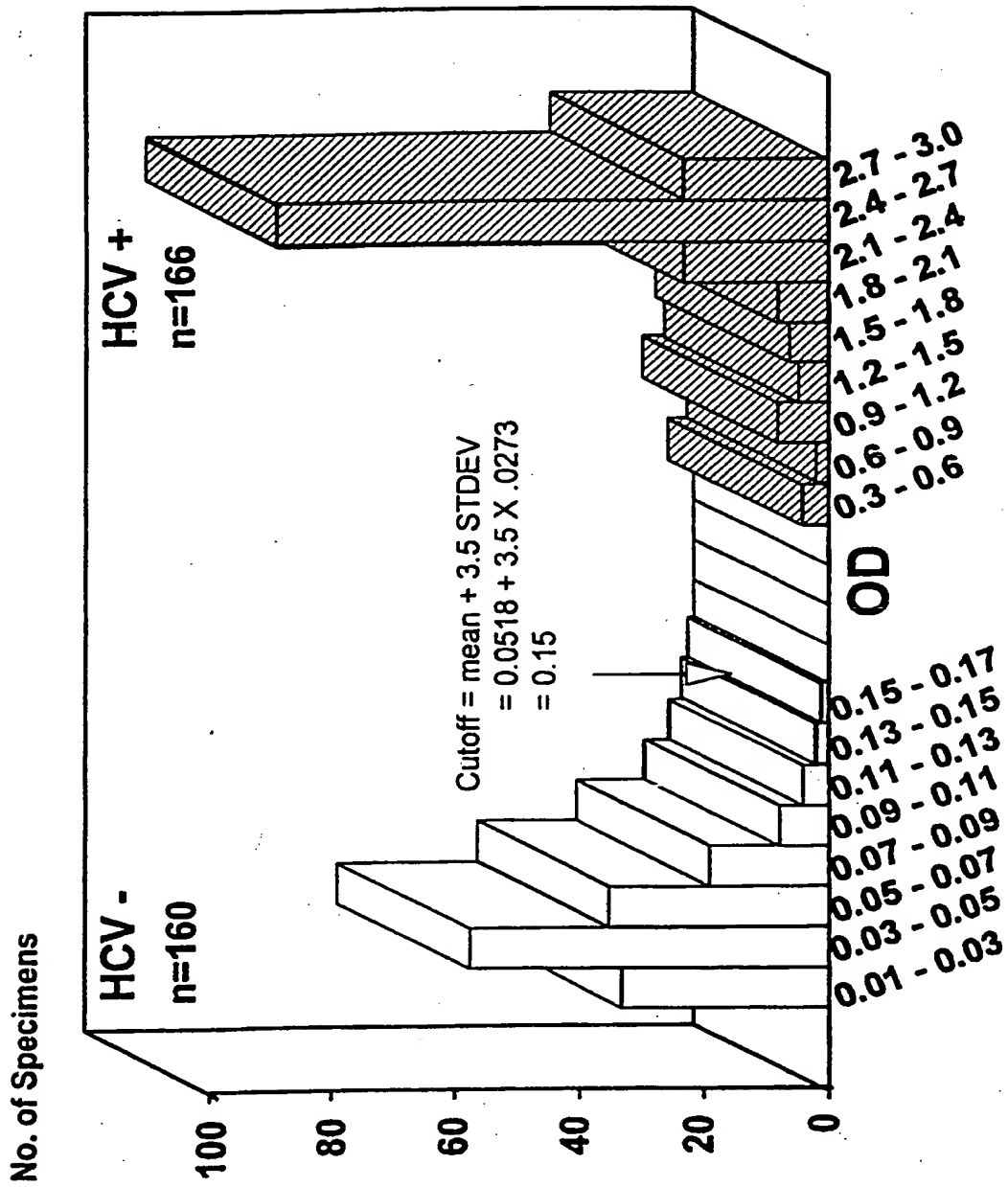


FIG. 21

FIG. 22A

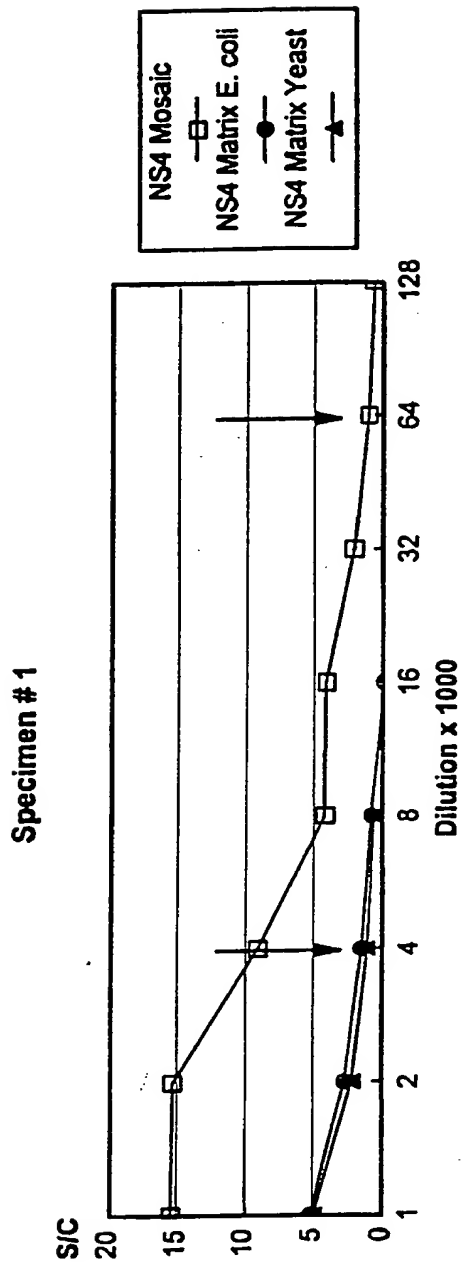
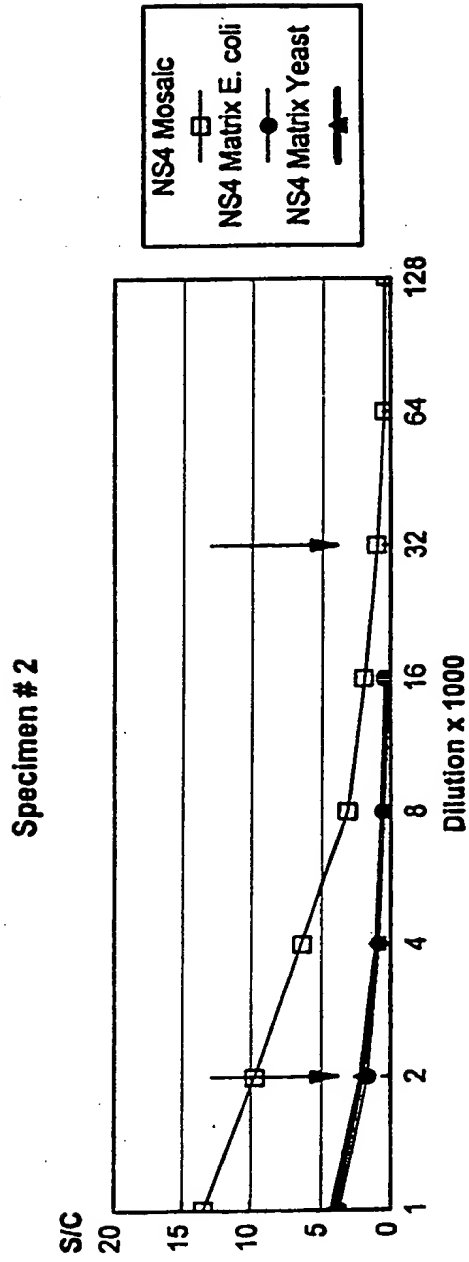


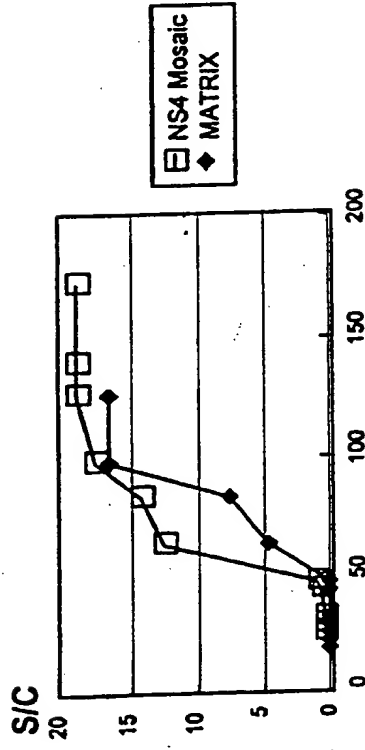
FIG. 22B



	NC Matrix	NS3 Matrix	NS4 Matrix	NS4 Mosaic
No. of anti-HCV sera tested	182	182	182	182
No. of positive sera	172	179	158	178
Percent positive	94.5%	98.4%	86.8%	97.8%

FIG. 23

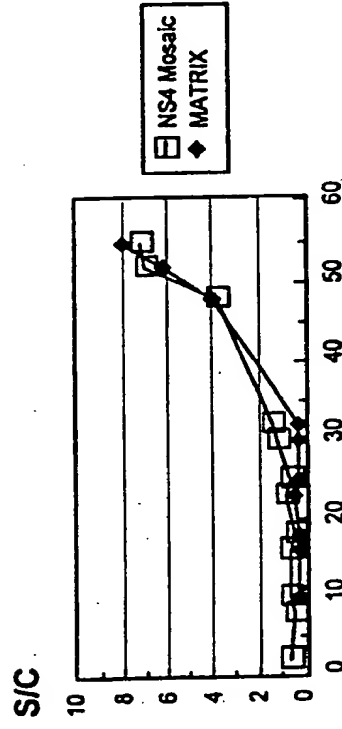
4811



Days After Transfusion

FIG. 24A

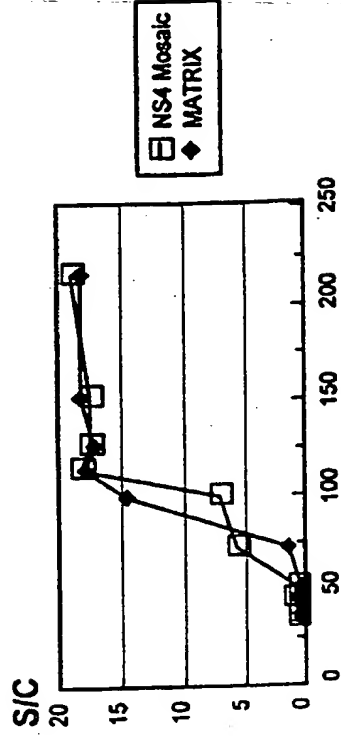
6214



Days After Transfusion

FIG. 24B

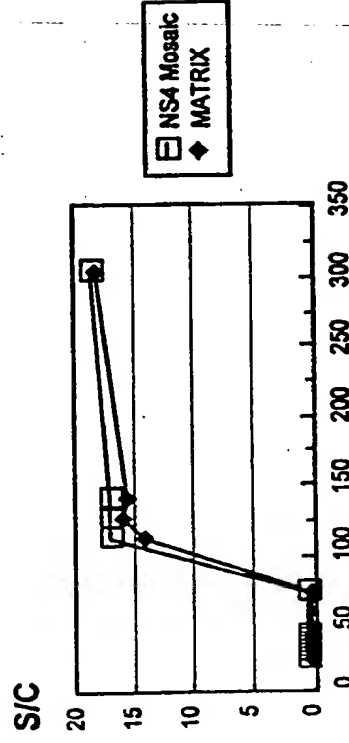
4812



Days After Transfusion

FIG. 24C

4813



Days After Transfusion

FIG. 24D

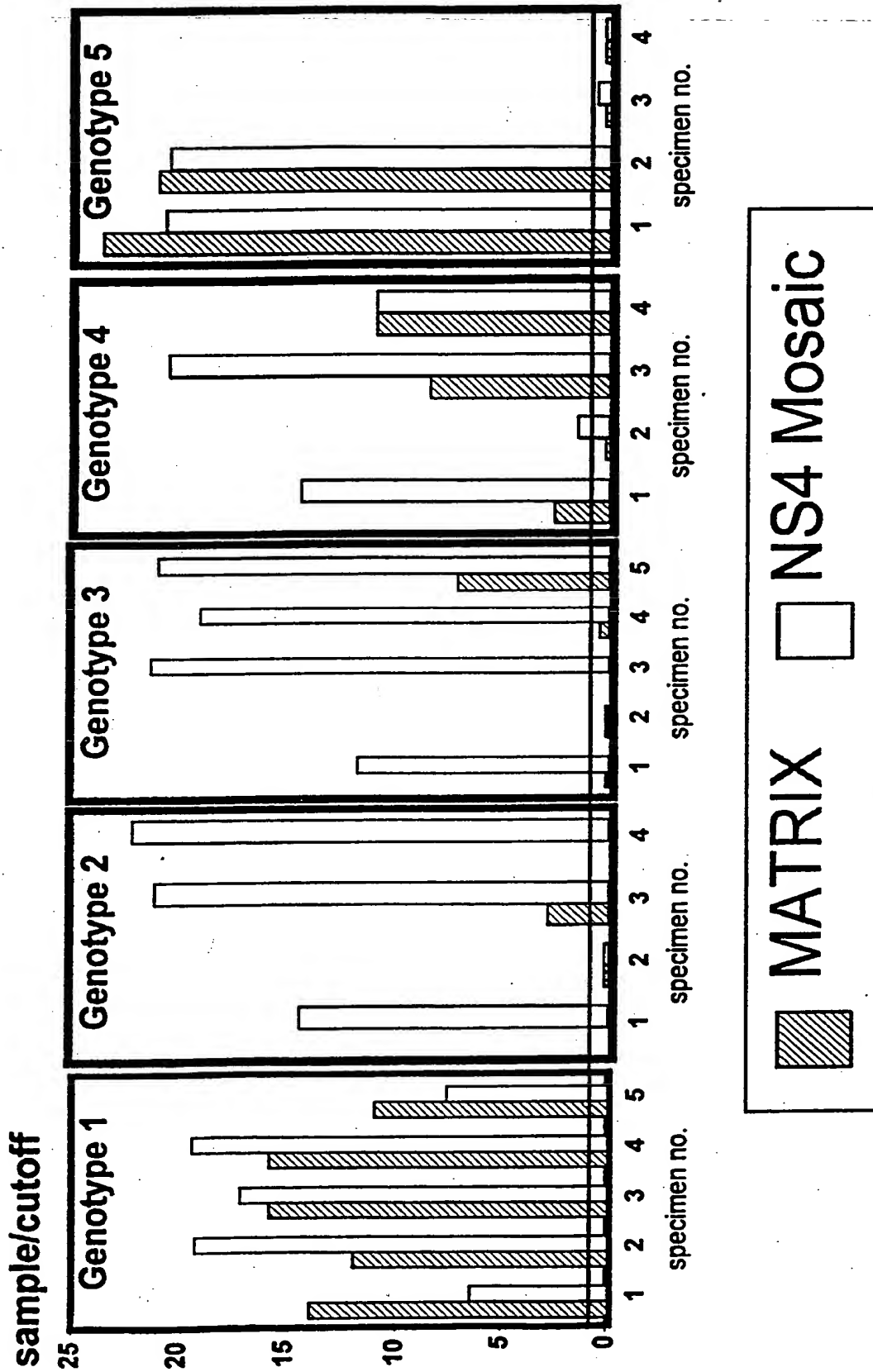


FIG. 25